

Alabama Phosphorus Index Worksheet

Name:		Tract #:					
Farm #:		Date:					
Field Feature & Management Practices Criteria & Ratings			Field #: ____ Acres: ____				
Field Features & Management Practices			Current Planned				
Source Characteristics							
1. Soil Test P Value	Very Low / Low 0	Medium 1	High 2	Very High 4	Extremely High 8		
2. P Application Rate (lbs. P ₂ O ₅ /ac/year)	None applied 0	< 60 lbs. 3	60-120 lbs. 6	120-180 lbs. 12	>180 lbs. 24		
3. Nutrient Application Method	None applied 0	Injected deeper than 2" 3	Incorporated immediately or sprinkler applied 6	Surface applied & incorporated < 30 days 12	Surface applied, not incorporated 24		
4. Grazing Animals	None 0	No access to water &/or not fed in sensitive area 1	Restricted access to water &/or not fed in sensitive area 2	Unlimited access to water & / or fed in sensitive area <100 Animals 4	Unlimited access to water & / or fed in sensitive area >100 Animals 8		
Transport Characteristics							
5. Terrace Tile Outlets & Subsurface Drains with Open Inlets	None 0	Outlets empty onto at least 30 ft of grass filter strip 3	Outlets empty into grass waterways 6	<30% of field has outlets emptying into drainageways 12	>30% of field has outlets emptying into drainageways 24		
6. Erosion Rate (tons/ac/yr)	< 3 tons 0	3-5 tons 3	5-10 tons 6	10-15 tons 12	> 15 tons 24		
7. Hydrologic Soil Group	-- 0	A 3	B 6	C 12	D 24		
8. Field Slope (%)	< 1% 0	1- 3% 1	3-5% 2	5-8% 4	> 8% 8		
9. P Application Distance to Water (ft)	>400 ft 0	200- 400 ft. 3	100-200 ft. 6	50-100 ft. 12	< 50 ft. 24		
10. Filter Strip Width (ft)	≥50 ft. 0	30-49 ft. 2	20-29 ft. 4	10-19 ft. 8	< 10 ft. 16		
Receiving Water Categories							
11. Impaired, Critical Habitat, or Outstanding Waters (ft)	Field not in Watershed 0	>400 ft 3	200–400 ft 6	100-200 ft 12	<100 ft 24		
FIELD TOTAL							

Prepared by: _____

Alabama P Index Worksheet (continued)

Name:		Tract #:		
Farm #:		Date:		

	Field Feature & Management Practice Ratings							
	Field # _____ # Acres _____		Field # _____ # Acres _____		Field # _____ # Acres _____		Field # _____ # Acres _____	
	Current	Planned	Current	Planned	Current	Planned	Current	Planned
FIELD FEATURES								
1. Soil Test P								
2. P Application Rate (lbs. P ₂ O ₅ /ac/yr.)								
3. Nutrient Application Method								
4. Grazing Animals								
5. Underground Outlet Systems								
6. Erosion Rate (tons/ac/yr.)								
7. Hydrologic Soil Group								
8. Field Slope (%)								
9. P Application Distance to Water (ft.)								
10. Filter Strip Width (ft.)								
11. Impaired, Outstanding, or Critical Habitat Waters (ft)								
FIELD TOTALS								

Point Total	Potential for P Movement
≤ 65	VERY LOW / LOW potential for P movement from the field. There is a low probability of an adverse impact to waterbodies.
66 to 75	MEDIUM potential for P movement from the field. The chance of organic material and nutrients getting into waterbodies exists. Buffers, setbacks, lower manure rates, cover crops, and crop residue practices alone or in combination may reduce impact.
76 to 85	HIGH potential for P movement from the field. The chance of organic material and nutrients getting to waterbodies is likely. Buffers, setbacks lower manure rates, cover crops, crop residues, etc. in combination may reduce impact.
86 to 95	VERY HIGH potential for P movement from the field and an adverse impact on waterbodies.
≥ 96	EXTREMELY HIGH potential for P movement from the field and have an adverse impact on waterbodies.

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